

Title (en)

RADIO TRANSMISSION BETWEEN AN AIRCRAFT AND ITS SURROUNDINGS THROUGH THE WINDOWS OF THE AIRCRAFT.

Title (de)

FUNKÜBERTRAGUNG ZWISCHEN EINEM FLUGZEUG UND SEINER UMGEBUNG DURCH DIE FENSTER DES FLUGZEUGS.

Title (fr)

RADIO TRANSMISSION ENTRE UN AVION ET SON ENVIRONNEMENT À TRAVERS LES FENÊTRES DE L'AVION.

Publication

**EP 3269052 B1 20190911 (DE)**

Application

**EP 16706159 A 20160216**

Priority

- DE 102015204463 A 20150312
- EP 2016053277 W 20160216

Abstract (en)

[origin: CA2981446A1] The invention relates to a method for position-independent transmission and reception of data to and from a high-capacity passenger aircraft (10), characterised by the steps of: installing, in the vicinity of a window of said passenger aircraft (10), at least one antenna (16) designed for communicating with an airborne communications hub (22), transmitting and/or receiving the data between at least the antenna (16) and an airborne communications hub (22) during the flight, and transmitting the data within the aircraft (10), between the antenna (16) and a routing device (20) connected to said antenna (16).

IPC 8 full level

**H04B 7/185** (2006.01)

CPC (source: EP KR RU US)

**B64C 1/36** (2013.01 - RU); **B64D 11/0015** (2013.01 - RU); **G08G 5/0004** (2013.01 - RU); **H01Q 1/28** (2013.01 - US); **H04B 7/18506** (2013.01 - EP KR US); **H04B 7/18508** (2013.01 - EP US); **B64C 1/36** (2013.01 - US); **B64D 11/0015** (2013.01 - US); **G08G 5/0004** (2013.01 - US); **H04B 7/18504** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102015204463 A1 20160915**; AU 2016231428 A1 20171005; AU 2016231428 B2 20200130; BR 112017019174 A2 20180424; CA 2981446 A1 20160915; CN 107534483 A 20180102; EP 3269052 A1 20180117; EP 3269052 B1 20190911; ES 2760922 T3 20200518; JP 2018512793 A 20180517; KR 20170140184 A 20171220; MX 2017011501 A 20180111; MX 371005 B 20200113; RU 2017134846 A 20190412; RU 2017134846 A3 20190412; RU 2690837 C2 20190606; TW 201707396 A 20170216; US 2018278321 A1 20180927; WO 2016142133 A1 20160915

DOCDB simple family (application)

**DE 102015204463 A 20150312**; AU 2016231428 A 20160216; BR 112017019174 A 20160216; CA 2981446 A 20160216; CN 201680014006 A 20160216; EP 16706159 A 20160216; EP 2016053277 W 20160216; ES 16706159 T 20160216; JP 2017548033 A 20160216; KR 20177027865 A 20160216; MX 2017011501 A 20160216; RU 2017134846 A 20160216; TW 105106799 A 20160304; US 201615557436 A 20160216